

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-5DL2	SDG No.:	P4518
Lab Sample ID:	P4518-05DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067559.D	20	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	22.6	J	10.3	27.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	201		6.47	18.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	208		8.09	27.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	20.1	J	21.6	36.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.2	J	48.6	53.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.91		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-05DL2	Acq On:	29 Oct 2024 13:15
Client Sample ID:	EX-5-TPH-5DL2	Operator:	YP/AJ
Data file:	FC067559.D	Misc:	
Instrument:	FID_C	ALS Vial:	33
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	1702872	12.57	300	ug/ml
Aliphatic C12-C16	6.454	9.842	14748799	112.003	200	ug/ml
Aliphatic C16-C21	9.843	13.200	14783146	116.188	300	ug/ml
Aliphatic C21-C28	13.201	16.853	1341448	11.17	400	ug/ml
Aliphatic C28-C40	16.854	21.695	2426613	24.004	600	ug/ml
Aliphatic EPH	3.173	21.695	35002878	275.935		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	205823	1.91		ug/ml
Aliphatic C9-C28	3.173	16.853	32576265	251.931	1200	ug/ml